## ALO Manager Reviews Sandia's Safety <br> Record

Sandia Corporation employees
have again have again received recognition for an outstanding safety record. mission has presented Energy Commission has presented to the Cordia Corporation employees worked dia Corporation employees worked
$2.089,668$ man-hours $2,089,668$ man-hours, from Oct.
22,1955 to Jan. 3, 1956, without suffering a disabling injury. In presenting the award to San dia Corporation, K. E. Hertford, Manager of the AEC's AlbuquerSandia's safety record. "The first record of occupa-
dia)," he said, "dates from 1948
when When Sandia Laboratory w operated by the University of Commission
"At the end
"At the end of 1948 there were 1,252 employees at Sandia and the frequency rate (injuries per mil-
lion man-hours worked) was 7.32 By man-hours worked was 7.32 By the end of 1949 Sandia Lab-
oratory employed 1.681 people and the injury rate for that year was 6.26 ... In November of that year Western Electric took over operation of Sandia Laboratory Mr. Hertford pointed out that during 1950 another $1,000 \mathrm{em}$ -
ployees were added to the rolls and the downward trend of the frequency rate continued. At the end of that year the injury rate stood at 5.34 , an improvement of 27 per cent over the
a matter of two years.
The year 1951 was remarkable for Sandia Corporation insofar as for Sandia Corporation insofar as
its safety record was concerned, Mr. Hertford said. "In spite of the fact that the employment rolls came to over 4,000 , the frequency rate was .81 -the lowest annual rate yet experienced by a large contractor of this facility.

Only six of the 4,000 employees
working under this contract wefe injured in the course of their employment." Mr. Hertford recalls, only one permanenty a minor partial disability. plishment of which to be proud

## he said.

he said.
"In 1952 the frequency rate increased to 1.61 , still creased to 1.61 , still a very good
record for an operations facility when other contractors of the AEC in this category were building a frequency rate of 2.47 . "Since 1952 the injury fre quency rate has fluctuated very little, remaining consistently un-
der 2.00 and exceeding total AEC operations contractor average only in 1955 when the Sandia Corporation frequency was 1.76 , the AEC national average was 1.69 . Mr. Hertford considered as noteworthy the fact that Sandia Corporation has never had a fatal accident despite the "eight years
of fairly hazardous operations." The disabling injury frequency rate for the total experience from the beginning of 1948 through April, 1956, is 2.26. During this April. 1956, is 2.26. During this sulted in the loss of 12.379 man days of work.


AEC AWARD OF MERIT is presented to M. H. Howarth, Sandia Corporation Vice-President and General Manager, left, by A. E. Uehlinger, the AEC's Manager of Sandia Area Office. The plaque is in recognition of Sandia's record of operating 2,089,668 consecutive man-hours without a disabling injury to an employee

## 662 New Employees at Sandia; Total on Rolls Now Nears 6000

Sandia Corporation's "Help
Wanted" sign, which has been out for some time, is bringing results

In the first six months of 1956 there have been 662 new employees join the Corporation and the total number of employees now on roll is nearing

A large number of these new
employees are with the scientific employees are with the scientific and technical backgrounds which are so urgently needed. There have
been 260 men and women with been 260 men and women with
various levels of scientific training various levels of scientific training accept jobs at Sandia Corporation since the first of the year.
One hundred and sixty-two are already on the job and nine have indicated that they will start work soon.

## Graduates Join

Frank E. Bell, supervisor of the Staff Employment Section of the Employment and Personnel De-
partment, reports that 99 new graduates from colleges of engineering have accepted positions with Sandia and by the end of June, 56 were at work.
"The number of acceptances of Sandia Corporation job of
fers has gone up," Mr. Bell refers has gone up," Mr. Bell re

In 1955 representatives from Sandia went to 79 schools and at the end of nine months they had hired 57 newly graduated engi-
neers. In 1956, Mr. Bell reports, neers. In 1956, Mr. Bell reports, 81 different schools and 99 gradnates had accepted positions at sandia.
Ip to the end of June, Sandia Colporation had hired six engineering graduates of the University of New Mexico

## Vacancies Exist

"Even with stepped-up acceptance from new engineers, physicists, mathematicians and others, many vacancies at Sandia Corporation. We need now approximately 200 men and women with professional engineering, physics or other degrees.

Activity in the General Employment Section has also been going on at a high rate. Brian H. Finley, section supervisor, reports that during the first six months of the year 4,255 peo-
ple were interviewed by his section. Of these 500 were hired for work at Sandia Corporation. Despite this, he points out, there are still many openings in the

## Qualified Persons Needed

Qualified Persons Needed
William G. Funk, Manager the Employment and Personnel Department, summed up the task his people are facing with this statement, "We have made great gains in securing qualified per-

## United Fund Goal Up 3.5 Percent This Year

## The Albuquerque goal for the

 1956 United Fund Drive starting in October has been set at \$449,813. The new goal is 3.5 per cent higher than the combined Community Chest-Red Cross target in 1955.The fund supports 24 different youth, welf
ganizations.

Heading the Sandia Corporation employee United Fund Drive this year will be Kenneth W. Erickson, 5130, chairman, and William Kraft, 2530, deputy-chairman.
sons in scientific, technical and other fields, but the need is still felt for many more qualified per-
"The job ahead of Sandia Corporation is extensive, importan tinue to seek qualified employee fill a wide variety of vacancies.

## Sandians Staff First Aid Mobile Unit On Duty At 250th Celebration

which recently organized Red Cross First Aid Instructors Mobile Unit the 250th anniversary parade and "Enchantorama.
The Corporation volunteers reported that during the July 4th heat exhaustion, three mild heart
attacks-and one skinned knee Emergency aid stations were set up in ambulances provided by
Manzano Base and the Air National Guard and a station wagon owned by Howard Westgate, 1613 , which is equipped for such purposes.
To be eligible for service in the
mobile unit each instructor must


MOBILE EMERGENCY FIRST AID UNITS performed an important community service during the July 4th parade and the nightly presentations of "Enchantorama." Manning the Red Cross stations were Sandians (left to right) James Wincek 7411, Marshall W. Tippy 3211-1, Howard Westgate 1613 (kneeling), Harvey W. Tappan 1462-2, Anthon J. Petersen 5213-4 (kneeling), Richard R. Czerner 2531-2 and Gerald W. Van Gundy 2533-2. Dennis Vath 5523 was absent when this picture was taken.
have taught at least one first aid class each year.
First aid is not intended to re place medical care but as Dr. Mor ton Dunkin, medical advisor to the "Proper first aid given by trained lay persons undoubtedly bring victims of accidents into the hands of the medical profession in much better condition for recover than might otherwise be ex pected."

## Brookhaven Scientist To Tell Colloquium of Russian Technology

"State of Russian Technology" is the title of a talk by Dr. Keith Bruckner to be presented to the Sandia Research Colloquium Wednesday, July 18, at 9:30 a.m. in the basement conference room of Bldg. 802.

Dr. Bruckner, a representative of the Brookhaven National Laboratory, Long Island, N. Y., rehigh completed a tour of Russian tended a labion hig and at tended Russian high energy

## Will Open Bids

 For Million Dollar Building Next Weektwo-story laboratory-office build ing to be used by Sandia Corpora tion will be opened July 19. The building will be located between Seventh and Eighth Streets in the Technical area on the ground porary building will be torn down-

The proje forced concrete and fra a reinture with a partial basement, in cluding total floor space of approximately 80,000 square feet. Cost of construction is estimated to range from $\$ 1,000,000$ to $\$ 1,-$ allowed for 00 . Ame months will be

## Jorgensen Made Lifetime

 Member of Traffic ClubTed J. Jorgensen, 7241, has been awarded a certificate giving him querque Traffic Club.
One of the founders and first president of the club. Ted has always been active in the work of the group. Membership has increased from 15 men who founded 100 members now on the rolls.

## r <br> SARDIA-LAB MEWS

## Photography by Photographic and Reproduction Division <br> Friday noon of $\begin{gathered}\text { Deadline }\end{gathered}$ <br> prior to of week <br> Telephones

## Cherry Fellner, Don Graham, Assistant Editors

 Robert S. Gillespie, Editor
## Secrets Are Not To Be Given Away

Donald A. Quarles, former President of Sandia Corporation and now Secretary of the Air Force, recently issued a statement on information security, providing a particularly appropriate message for his former co-workers here at Sandia.

Wrote Secretary Quarles: "Secrets connected with our national defense must not be given away on a silver platter. Failure to handle classified information properly, poor physical protection for classified material, and indiscreet talk are three major security violations. These failures, singly or in combination, are of utmost seriousness.
'The reasons for classifying information are simple. They are to:

Preserve the advantages gained in the development of weapons, and
2. Protect the defense plans of the United States
'These reasons are of such great importance that the government imposes heavy penalties on those who disregard them.
"The task of safeguarding classified information is the responsibility of all persons who have been entrusted with it. These are people who have been granted security clearances after a painstaking investigation has established that they are reliable and trustworthy
"People entrusted with classified information must deny access to all unauthorized persons; they must restrict access to those authorized persons who have a need to know; and they must follow faithfully prescribed procedures for handling classified information
"If these rules are followed, our secrets will not be given

## away."

## Fisherman's Delight

A big haul was made by three New Mex'co natives who know their state's best fishing holes.


Left to right are Frank Comiskey, 7241 , Mel Otcro 2522, five pound. 24 -inch German Brown trout, and Bill Otero 2232.
The trio camped near Cedar Springs on the Upper Rio Grande. Mcl caught the big one.

## The Bear Facts

Donna Martin, 5125, and her husband, Duane, recently went on a camp.ng trip in the Jemez Mountans. They slept in a small box weishing nearly 100 lbs in box, weighing nearly 100 lbs., in a nearby stream.
During the night a bear wandered into a neighboring tent, stole some food tnen discovered the Martin's ice box. The bruin started to slam the metal continer from rock to rock, the Marloudly, and finally the neighior loudry, and rimer Ing camper came out with a gun head.

The Martins?
They slept through the whole affair and the above facts were supplied by the neighbor.

## Pat-on-the-Back Dept.

Employees of Millwright \& Machine Service Division, 2412, Sandia Corporation have raceived former supervisor, F. C. Scott, wh retired April 30:

Now that I am down to earth gain I want to again express my thanks to you fellows for the many acts of kindness, the help and cooperation you hav : given me during my 10 years at Sazdia. If I did a good job as supervisor, you fellows deserve the credit. A sup rvisor is only as good as his crew and because I had a good crew, I am in no way asham: d of my record.
"My retiroment will not end our friendship. I'll be seeing you from time to time and we will have a good time chewing it over."

Erickson Heir
The Ken Ericksons, he's manager of Experimental Weapons Redided Department 5130, have family-little Marc Kent born June 23 .

## Radio Intermediary

One of Sandia's most enthusiastic amateur rad: operators is Ferris K. McKesson, 5531, who has frequent visits with Pio de 10 Casares, Frst Secretary of th Spanish Embassy in Bogota Columb.a.
The Spaniard is a lifelong riend of the Duke of Alburquerque nd Ferris has been asked to act as an intormediary between the two men dur.ng the Duke's stay in New Mexico.

## Dolce-Do

Square dancers who present public performances in the Old Town Plaza ach Thur ning include Roque Feliciano 2721-1.


COUPLES and families alike enjoyed the chance to visit. Just taking it easy here are (left to right) Lucille Ford, Joan Winter, A. D. Ford 1252-2, Margaret Dewhurst, and Charles Winter 1252-1. The occasion was a recent Livermore Branch pienic in California.

## Son Is Ordained

Back from the Midwest is Roy E Carlmark 2531, whose Roy
 Herbert, son, cently graduated from Augustana Seminary in Rock Island, Ill., and was ordained a minister at the Bethesda Lu in Moorhead Minn.
Of the 52 men ordained, an other was the cousin of Ray Pierotti, 1241.
Herbert, a graduate of the University of New Mexico, will give his first sermon at the Calvary Lutheran Church in Rapid River. Mich.
Roy has two other children: Bruce, a student at UNM, and Joanne, who formerly worked at Sandia.

Safety Everywhere
It may seem strange to wear safety shoes while working in the garden, but Frank Sanchez 2711-6, believes the practice probably saved him a badly injured foot or possible loss of sev eral toes.
Frank was watering his garden and intended to slam the shovel into the ground to halt the flow of water between the furrows. Instead, the shovel hit his safety shoe, cut through the leather but stopped at the metal plate.

Superstitious?
We're not superstitious about printing an issue of Sandia Lab News on Friday the 13th especially after hearing that one couple at the Corporation will celebrate their fame date
Irene, 2711, and John Berger security guard maintain the didn't intend to defy a jinx when they married on a Friday the 13th It just happened.

New Homes
New home owners are Harvey S. North, 5211, who recently moved to 1309 Chama N.E., and at 1700 Hermos Shuster, 5230,

Tough Luck Family
Illness has been plaguing the Earl V. Shannons, 5213, of late. In May Mrs. Evelyn Shannon was flown to a Cleveland hospital in an Air National Guard C-47. After three weeks of clinical tests physicians decided not to perform a delicate heart operation. The first week in June Earl drove to Ohio to bring his wife back to Albucuerque in a station wagon especially equipped with air mattresses and oxygen equipment.
On July 1 Earl underwent an cmergency appendectomy operation and four days later Mrs. Shannon re-entered St. Joseph's hospital for another series of tests.

Livermore employees, their wives and children attended the branch's first picnic July 3. About 130 were present.
Immediately after work the employees drove five miles out of town to the berry farm where there is a heated swimming pool, dressing rooms, lawn and picnic area.

The event included swimming, hot dogs and other refreshments, ball games, and just plain visiting.

## Salton Sea Game Fish

Fishing enthusiasts at Salton Sea now have ideal game fish practically at their back door. The California Department of Fish and Game has been planting Corvina in the large inland sea for several months, reports Helen Kreissel, 2480, Sandia Lab News Salton Sea reporter. The fish is indigenous to the Gulf of California and is good eating-related to the Weakfish and the Croaker of the Atlantic Coast. This is one of the methods being used to create a sports center at Salton.


WATER'S FINE at the berry farm near Livermore. Lorena Schneider, 1253-1, took advanthe recent branch picnic there.

Earns Scholarship
Don C. Kelley, a senior engineering student at the University of Oklahoma and summer employee of Sandia Corporation, has earned a $\$ 500$ scholarship for work cone at the University as a jumior. He previously had earned two other scholarsops. Don's grade 4.0 system He is working in Component Development Department I The scholarship was awarded by Westinghouse


OLD FASHIONED DRESSES, Spanish mantillas and squaw dresses have been seen in great numbers throughout Corporation offices during the past two weeks in observance of the 250 th anniversary (seated) Blanche Walrath, Ellen Jones, Bessie Passmore and Toni Montano (standing) Lyndall Carter Pat Luetkehans, Simona Quintana, Margaret Ramirez, Florence Bonnell, Catherine Smith, Fern Robinson.

## Sandianotes

Overnight Picnic
Members and families of department 1440 had a good turn out for an overnight outing and picnic at the Holy Ghost Campground in the Santa Fe Forest above Pecos. The 11 families enjoyed a pot luck picnic Saturday evening while coffee and donuts were available throughout both days.


## Trained Firefighter

All Security Inspectors working at the Salton Sea Base receive periodic training in firefighting in addition to their regular duties. Inspector James "Bud" Hall, 2481-1, astounded members of the
Westmoreland City Council, the Westmoreland City Council, the Mayor and the local fire chief by
the way in which he jumped in to the way in which he jumped in to
help fight a blaze in a local feed help
mill.

When Bud arrived on the scene olunteer firemen were playing streams of water onto the roof. Bud took a hose and noticed it was equipped with a special type nozzle, like he had used on the Bas many times in fire practice. By twisting the nozzle he could change the straight stream into an effective "fog" spray.
With the fog shielding him from the heat, Bud entered the building and moved the fog nozzle with a circular motion. In a few minutes he had brought the room's temperature down below the burning point of wood. He had practically extinguished single handed what may have resulted in a very serious fire.
Port of Yuma, Ariz?
A Salton Sea security inspector has come up with a unique idea to give Arizona a seaport.
Ira V. Beall, 2481-1, a retired Lt. Commander in the U. S. Coast Guard, proposed to the Brawley, Calif., Rotary Club that a 60 -mile of Lower California to near Yuma be created. The plan, which he estimates would cost $\$ 200-$ million, would include three or four locks to allow for the 150 feet difference in altitude.

## New Address

John T. Kane, who retired from Sandia Corporation several years ago, writes that he has a new address in Indianapolis -
Forest Manor. Indianapolis 18 . John also informs the Sandia Lab News that it is "terrifically" hot in Indiana and they are having plenty of rain.

Wedding Anniversary
A 40th wedding anniversary was marked this month by Mr. a Mrs. Arno K. Leupold, 2550 Placita was attended by their Placita was attended by their
sons, grandchildren, and other relatives from New Mexico and Florida.

Back From Louisiana
Albuquerque's low humidity will be a welcome change for Paul Hughes, 4152, when he returns from Louisiana where he with the reserve training Headquarters and Service Company.

## Garden Variety

Vegetable gardener extraordinary is Bob Jones, 5133, who reports ex cellent crops on two plots, one 20 feet by 25 , the other six feet by 50 Bob has already sampled onions. radishes, lettuce and two kinds of squash. Future menu additions will include carrots, beets, turnips, cantaloupe, cucumbers, pumpkin. watermelon, string beans and tomatoes.


TWO TITLES has Tom Nicho-las-mayor of Casper, Wyo., and honorary Duke of Albuquerque. The last was bestowed upon him by Andrew Alderete, 4161, who was in Casper during a tour of duty with the Air Nat'l Guard from New Mexico.

10-Year Thunderbird Service Awards Earned by 2 More Sandia Employees
wo-year certificates




 5 Sit) 5 YEAR PINS





July 20-26
Ellen C. Wood 2533, B. F. Fisher, Jr. 1211,
Vera Lee Miller 2333, Arthur E. Becker, Jr.
2124, Albert I. Martin 7411, Milo C. Robertson Vera Lee Miller 2333, Arthur E. Becker, Jr.
2124, Albert I. Martin 7411 , Milo C. Robertson
2111, Mathew $P$. Ungerman 2223. Hermenes Chavez 2234, Raymond A. Humes,
Jr. 2452, Bruce Ross Jackson 2721, Vincent G. Jr. 2452, Bruce Ross Jackson 2721, Vincent G.
Redmond 1214, Ora Crystal Brooks 4135, Ben-
iamin F. Lopez 2112 , Robetr Read Evans 2122
and L. J. Underwood 2711 .

## 10 YEAR PINS




## WEDDINGS and ENGAGEMENTS

Alamogordo was the site of the marriage June 30 of Dorothy A. Matlack, 2464-1, to Larry O. Strand of Albuquerque
The couple will make their home in Albuquerque.

LaRue W. Wildgoose, 7311-1 became the bride of Harry M Watson of Albuquerque during ceremonies at Bernalillo June 30


In a ceremony at St. Charles Church May 29, Frances Odle, 7221, became the wife of H. R. is at home at 808 La Veta Dr. NE

Edra M. Billings, 7224, became the wife of Archie R. Thornton Jr., of Los Angeles, Calif., in an evening ceremony June 23 at the Albuquerque home of her sister The Rev. Ray Ford of Monte

Another June bride was Juliette Duran, 7421, who was married on the 22 nd to Donald Wolff of Manzano Base. The vows were exchanged in the Sandia Base Cath olic Church.

Mr. and Mrs. F. E. Blakeney recently announced the engagement of their daughter Connie Blakeney to Dick Brewer of Man zano Base. Connie works in 7225-5.

## Noontime Slide Show

Lunch hour entertainment in the form of colored slides is being pro vided each Thursday in conference room No. 42 in Bldg. 880 by individual shutter bugs, There is usually a large attendance at the showings as the audience visits through slides far corners of the United States and colorful Mexico
Any Sandia photographer is invited to bring his slides for show ing. A screen and projection ma Blaz or Daniel Alvino 7412, fo further information

## Rucktaste-Umschalter

There's one German-made typewriter owned by a Sandia Corporation employee that could easily drive an American typist to disraction. For example, printed on one of its keys is "rucktaste," an third, "feststeller."
To Bill Jenkins, 7422, who owns the machine, those keys pose no problem. Using the typewriter for years, he has found out that "rucktaste" means backspacer, "umschalter" is the key for capital letters and "feststeller" is the shift lock.
The "Continental," which was a predecessor of the Underwood machines, also has a gadget on the side to lock the whole keyboard, has a right hand carriage return whole spaces.

Congratulations

## Born to:

Mr. and Mrs. John L. Cordaro, 2513-1, a son, Richard Thomas June 15.

Mr. and Mrs. Thomas J. Hoban 5215, twin daughters, Patricia Ann and Katherine Lynn, July 1.

Mr. and Mrs. Charles J. Reed 5215, a daughter, Margaret Mary, June 4.

Mr. and Mrs. Davies Anderson 5223, twins, Robert and Roberta July 3.


A BRIEF VISIT to Sandia Corporation was made earlier this week by Secretary of the Air Force Donald A. Quarles, former President Anniversary Mr Quarles (right) And J W Mc a en President of Anncrsary military and AEC officials at Bldg. 880, for a brief conference.

## Flying Vacation

A 3,500 -mile week-long vacation was possible for Jack Lohse 5133 , his wife and mother-in-law since they covered the distance in their private plane. The itinerary included the Cascade Mountains and Yellowstone Park with stops at Los Angeles, San Francisco Olympia, Wash. and Hegbin Lake Mont.
Technical Lectures
Employees of 5120 have been given the opportunity to hear sev eral technical lectures. Dr. John is regularly assistant proyee who mathematics at Princeton Univer sity, is conducting a series of in finite gains strategy involving pursuit problems. Dale Youn is discussing how to program problems for solution by a digita computer.


NUMBER 830,000 is assigned to the log in the Commercial Parts Specifications Section, 7421-1. This number represents 30,000 specifications prepared for parts available commercially from manufacturers. Lois Kelley logs the number as John Olson, left and Ben Armijo see the event

Sick List
On the sick list is Esther Deffenbaugh, 4152, who suffered a back injury. A co-worker, June Gambill, recently returned after surgery.

## SYMPATHY

To Juanita Bridge, 2464-1, for the death of her father June 28 in Houston, Tex.
To Ralph Holland, 7311-2, for the death of his mother-in-law June 29 in Daisy, Tenn.

To F. Baron Brumley, 5223, for the death of his father-in-law the death of his fath
June 27 in Dolores, Colo.

## Three New Classes in Red Cross First Aid Starting This Month

Three new classes in Red Cross
First Aid are being started this month, by the Training Division, scheduled: One to meet at $5 \mathrm{p} . \mathrm{m}$. sche the one to meet at nim a week, Monday and Thursday from 5 to $7 \mathrm{p} . \mathrm{m}$.
An advanced class is being planned for Wednesday evening from 5 to 7 p.m. This is a 12 -hour course. All classes will start as
soon as sufficient enrollment is insoon as s.
dicated.

Seventy-eight Sandia Corpora tion employees have already com pleted these Red Cross training sessions and received cards. One class completed work this week ${ }_{14}$ and another will finish about Aug. 14.

Employees interested in enrolling in these classes are asked to fill in the accompanying coupon and return it to the Staff Training and Education Division, 3123.

## Enrollment Blank

Red Cross First Aid Training Course
Name.
(Please Print)
Organization $\square \square \quad$ Extension
I prefer to enroll in:
Monday, 5 p.m. (Standard).
Wednesday 5-7 p.m. (Advanced)
Mon. \& Thurs., 5-7 p.m. (Standard)
Send to Staff Training and Education Division 3123

## Fall Election Registration Closes In New Mexico Oct. 6

Intolligent voting is a basic act of citizenship and Sandia Corporation employees are urged to exercise this privilege by knowing the issues and the backgrounds of the candidates, by making sure they are properly registered and finally, by casting a ballot.
In New Mexico voting registrafore the general election - this year the deadline is Oct. 6 - but now is the best time to change your registration or make sure you name is pro oerly listed on the rolls.
To vote in New Mexico a citizen must have resided in the state for one year, the county for 90 days and the precinct 30 days. If you change counties within 90 days before the elect'on you can still vote in vour old county.
Notaries Public are authorized to send in registrations, however to avoid any possible mix-up the best approach is to go personally to the county clerk's office at the Bernalillo County Courthouse at Fourth and Tijeras.
Acting County Clerk Ramona Montoya has given assurance that it will only take a few minutes and there is no waiting now. The of fice is open from 8:30 a.m. to $4: 30 \mathrm{p} . \mathrm{m}$. and during late September it will remain open durne several evenings and on Saturday
Persons registering for the first time in the state must sign an affidavit that they have resided here for the required year. Those tion from another county in New Mexico should take along their old registration certificate if avail able, to make sure that their pre-
vious registration will be properly cancelled. At that time persons will be informed of the location of their voting precinct.
If you're on vacation Nov. 6 or away from the state for other reasons, you're out of luck. New Mex ico has no provision for voting by absentee ballot.

Sandia Employees to Participate in CDA

## Mock Disaster Test

## Approximately

 poration employees will participate in a continental Civil Defense Administration exercise scheduled for July 20, Charles Cole, civil defense director in Albuquerque, reports.The maneuver will simulate an atom attack on Albuquerque, one of the 75 cities in Canada and the U. S. that will participate in the exercise. It will give the civil defense staff experience in procedures of mobilizing before and after an emergency, Cole said.
Most government agencies and the military will cooperate in the maneuver.

Randall Retires
After $71 / 2$ Years in Packaging Division
This is the last day of work for Archibald Randall, who has been

A. Randall

## Corporation

 Pop and his wife were both born and raised in Texas but liked New Mexico well enough to build a home at 937 Ortiz Dr. SE. They have two daughters here, a son in Espanola and five grandchildren.
## New Club Directors

## Have First Meeting

Directors in charge of activities were named at the first meeting of the Coronado Club's new board of directors last week.
The directors and their appointments are: Howard Sloane, 2563 Entertainment; Gladys Stumpf 2713, Furnishings and Decorations and Assistant Entertainment Director: Gino Carli, 1442, Membership and Attendance; F. E. Abbott Room. Bowling and Recreation W. M. Jobe 2411, Swimming and Bridge: Harold Catt, 4121, Publicity; and R A. Knudson, 3164 Bar.

## Promotions

JOHN M. WIESEN to supervisor

ROBERT W. MALE to super visor of Operations Section 5254-1 Test Project Division IV


An employee of the Corporation for nearly six and onehalf years, he was formerly with the Wire Rope Corpora tion of America in New Haven a radar technician for Raytheon Manufacturing Company in Waltham. Mass.
Bo's received his technical trainBo the Radio Television Insti tute and the RCA Institute, both in New York City
During World War II, he served an Air Corps staff sergeant in the Asiatic-Pacific Theater.

HAROLD E. PAYNE to supervisor of Plastics Section 2124-2 Specialties Department
 the Air Force as an aircra
tenance assembly officer.

5125, Sys tems Analysis Department.


He came to Sandia Corporation early in been with Analytical Section of Experimental Weapons Research Department.

Immediately previous John was attending Iowa State College at Ames, Ia., as a graduate student. He holds a BS degree in Math from Iowa State and a MS degree in Statistics. He also studied a year at Westminster College, New Wilmington, Pa . Previous experience included employment at Republic Rubber Co. and three years in the Naval Air Transport Service, stationed principally in Honolulu. He was an aviation machinist's mate tenance.


College Students Come From Far Corners of U. S. to Work at Sandia


SENIOR AND GRADUATE students in the fields of engineering, physics and mathematics converged on Sandia Corporation during the past few weeks en work in the atomic weapons research and development program. Each student ranks high scholastically in his class and each student is engaged in a specific project which will keep him busy until he returns to his classes in the fall.
Pictured above are these young scientists who are Sandia Corporation summer employees.
(1) University of Oregon: Larry C. Hunter.
(2) Stanford University: R. Griel Miller, Willard F. Gilmore, Robert E. Lindsay and Dennis Holliday. (3) California Institute of Technology: Walter A. Specht, Jr. and John F. Kennedy.
(4) University of New Mexico: James A. Cooper, Charles F. Schroeder, Howard C. Chandon, Charles A. Bankston, Jr. and Carl Longerot.
(5) Texas Technological College: Ray Ayesworth.
(6) Texas A \& M: Charles L. Steele
(7) Oklahoma M. Charles L. Steele. Herring and John C. Hamilton.
(8) University of Oklahoma:
ma: Don C. Kelly, Jern W.
(9) Iowa State College: Larry E. Efferding and James D. Iverson.
(10) Purdue University: Richard P. Maimgren and James Arnold.
(11) Ohio State University: Luther D. Randolph.
(12) North Carolina State College: Wade T. Parker.
(13) Princeton University: Peter M. Pruzan, Martin A. Uman and Michael Marcus
(14) University of Pennsylvania: Leonard M. Magid. (14) University of Pennsylvania: Leonard M. Magid.
(15) Pennsylvania State College: Edward T. Kornowski.
(16) Wellesley College: Martha J. Stickle.
(17) Massachusetts Institute of Technology: Willizm T. Watter, Eric C. Johnson, Jr. and Henry P. Joly. m T. Walter, Eric C. Johnson, Jr. and Henry P. Jol y. Koval. Cornell University: Robert T. Braden and Rob(19) Cornell

## ert A. Lynch.

Dalla Wale University: William K. Rawdon and Dallas W. Sasser.
(21) Lower left
both of the Staff Ere F. E. Bell and H. W. Benishek administered the summer employee program


ELECOM 125-This computer recently installed in the Test Data Department, 5240, will be the heart of an automatic data gathering and processing system being developed. Operator Charles Clendenin and John Stark, programmer, inspect the $\$ 150,000.00$ computer

Beachcombers Party Heads Social Events At Club This Month The Coronado Club's annual Beachcomber Party July 28 will
highlight activities this month at the club. Members and guests are the club. Members and guests are only 750 persons will be admitted. Tickets for members go on sale today at 50 cents and guests can purchase their tickets beginning July 20 at $\$ 1.65$ each.
Ray Giles and his orchestra will provide music for dancing from 9 to 1 for the party. A midnight breakfast, not included in the admission price, will be available for \$1.00.
Other big events at the club this month include a Fiesta Buffet July 15 from 5 to 7 . The buffet price is $\$ 2.00$ for each member and an Cosmo Combo will play from 6 to

## Elecom 125 Starts Work Here

 To Save Sandia Time, Money
# Lights blink from a battery of tubes like a pinball machine on double tilt. A constant whir and hum accompanies a stream of punched pape 

 tape as it streams out of the ejection unit.Elecom 125 Operating
To Hank Schutzberger, Supervisor of Mathematical Services Division, 5242 , this is not confusing. It is the practical and orderly puter recently purchased by Sandia Corporation and installed in Bldg. 880 , Rm. 34. It will be joined by another Elecom 125 in the near future. These computers are products of the Underwood Corporation.
The stream of punched paper represents an answer to a problem that would require a trained operator using a desk calculator 1.000 hours to complete, Elecom 125 can solve it in an hour, Schutzbreger said

These two machines will replace banks of other equipment currently used in the divion for and for other mathematical serv ices.

## Saves Money

The cost of the two Elecoms is $\$ 325,000$, W. T. Moffat, Manager Test Data Department, 5240 reports. But the rental on the quipment the computers will replace is $\$ 11,000$ per month, he ald. Using this rental cost as a pay for themselves in about two and a half years
"There are other advantages," Moffat continued, "the computers in normal operation have 50 per cent more capacity and are 10 tımes faster than the IBM machines. They could be used continuously 24 hours a day. If the old equipment were used more than eight hours additional rent would have been charged.
"As computers go," Moffat said, "The Elecoms are only medium size, but they will fulfill all the needs we will have in the foreseeable future."

The Elecom is a stored program digital type computer, Moffat said. It has a magnetic drum that plus a maximum of ten tape units than can store 600,000 ten digit numbers each.
Access time to any information in storage is 1.7 milliseconds. The computer can obtain the sum of cnd. This includes access time.
The Elecoms will be used by programmers in sections Two and Three of the Mathe and W.W. Rogers are the Section Supervisors Roge have ben using IBM equipment will becn ind to operate the new com be trained to operate the new compute:s.

How It Works
To solve a problem through the use of the Elecom, all data and instructions must be fed to the machine on a punched paper tape or magnetic tape. These are stored on the magnetic drum.

Once the instructions have been given the machine, all the solvanswer comes out automatic. punch ape which is on a 'reader" unit. The final answer then emerges in finished printed form.
These computers will be the heart of an automatic data gathering and processing system pres ently under development in the Field Test organizations, Moffat said. Data will be recorded in the field in a form that is readily transmittable by Teletype link to the Data Reduction facility where it will be fed directly to the com puter without any human inter-
vention.

This will permit the results of tests to be available to engineers in hours instead of weeks.


Story on Page 1)
SANDIA CORPORATION SAFETY AWARD was accompanied with letters of congratulations from K. E. Fields, General Manager of the AEC, and K.F. Hertford, Manager of Albuquerque Operations.

## Sandians See World Thru Varied Specs



JEWELER'S LOUPE allo w s E. M. Click, 2131-3, to make minute repairs on delicate electronic instrument components.


SANDBLASTING with a 120 pound pressurized stream of sand and air by Louis R. Chavez, 2121-4, needs helmet protection.


STANDARD SAFETY GLASSES with their precision hand finish are worn by Anna Ashford, 2133-1, while soldering parts.


BERGER LOUPE, an optical ex amination instrument, is used by Dr. Sheldon P. Bliss, 3162, to examine Julie Leal, 7132.


EYEGLASS worn by Fred Costen, 2131, magnifies mechanisms of minute electronic equipment to enable accurate repairs


FACE SHIELD worn by Manue G. Martinez, 2121, protects him from flying sparks and bits of sharp metal while sawing steel


DOUBLE PROTECTION in the DOUBLE PROTECTION in the welding hood is worn by Samuel C. Waldorf, arc welder in 2123-4.


EYE PROTECTION for Mattie Wise, 2133-1, is furnished by standard safety glasses. She

## shopping center

| CLASSIFIED |
| :--- |
| ADVERTISING |
| Deadline: Friday noon prior |
| to week of publication. |
| RULES |
| 1. Limit: 20 words |
| 2. One ad per issue per person |
| 3. Must be submitted in writing |
| 4. Use home telephone numbers |
| 5. For Sandia Corporation and |
| AEC employes only |
| 6. No commercial ads, please |

Next Deadline: Noon, July 20

## FOR SALE

## windows 0.9663 .


6-YR. SIZE CRIBS $w /$ matrosesses \& pads,
three, $\$ 20$ each. Honsen, AID. 6 -0641. CIRCULAR SAW, Craftsman "80", with
motor, stond, two
puophinee, Alb. 5.6367 . 50 PLYMOUTH 2 -dr. Sedan, $\$ 375$, Abruz-
zo, Alb. 5 -0.0688.






 BABY CARTIAGE, S12. Ryan, Alb. 9 -5736,

REGGISTERED BEAGLES, 8 weeks old. Chown
AIb. $4-2423$.
 '55 PoNTIAC,
Hydromatic.
 49 NASH Ambossador, 4 dr., R\&H, O.D.
S150. O'Neill, Alb. 5 -6355."
CHAIRS, matched green plastic \& leather
toppede coftee
Mortensen, Alb. 9 g-503.


 CLARINET, B Flat \& case, 570 . McGuire,
Alb. $5-7796$.


YELLOW PARAKEET, eecuipment \& cage,
$\$ 7$. Weber, AlE. 9 - 1389.

GMC 270 ENINE, newly rebuilt condition,
Completel Ges.
Cebser, Alb. $9-3827$. 3 BR. HOUSE, $\mathrm{h} / \mathrm{w}$ floors, Iarge corner
lot. NE
loighorhood on
Constitution, POLAROID LAND CAMERA, flash , gun,
meter \& carrying cose, $\$ 755$. Brooks, Alb. 6-9364.
17" TV TABLE MODEL, cleor picture tube,
s29.95. Welker, Alb. $9-1179$.



|  |
| :---: |
| UMBRELLA TENT, $91 / 2 \times$ $\$ 40$. Prekker, Alb. 6 - |
| GARAGE OVERHEAD DOORR, in hordwore, s25. Sanders, Alb, 9076 |
| MOBILE CONVERTER, Morrow covers, 10-20-75 wirs, Alb. 6-6452. |
| loan. Watkins, 1421 Katie NE . |
|  |



BR. DR. $13 / 4$ bath, den, $w$ ffireploce,
STENOGRAPH, stand, case ond beginner's
books, $\$ 40$. Ayers. Ext. $2-3242$.

BR. HOFFMAN
oir
conditioned,
central
ARDS 4.000 AIR CONDITIONER, $\$ 20$
KCC REGISTERED SABLE and white female
BR., 2 BATHS, fully carpeted, walled
dir conditioned, Snow Hts. I. Spack, Alb
BOXER, male, fown color, AKC Reg,
months old, $\$ 25$. White, Alb, 4.0165 . GIRLS' BICYCLE, $26^{\prime \prime}$. Buss, Alb. 6-5479. PHOTO DRYER $\$ 35$, Youth bed $\$ 10$, single
bed with springs 8 mattress $\$ 20$, ontique Edison phonographs, 2 for \$75.' Los.
Kar, Alb. 3 -1554.


 51 BSA A1O GOLDEN FLASH, skidolate,
side stand
Dunloe pportster tires, lare 54 FORD six. R8H, overdrive, 5875 . Dovis,
ext. 25159 or Alb, 6.6154 .
STINSON VOYAGER "165" VHF \& LF ra-
dio, sell 1 , interest. Tendall, ext. 23195 .
Shater


 DOBERMAN PINSCHER PUPPIES, AKC reg-
istered. Chandiler. WANTED
DRIVER to ioin car pool from San Mateo
and Trumbil to Bldg. 880. Donaldson,
JOIN CAR POOL from Inez to $800-802$.
Neidel Ext. $4-7154$.
PASTURE for horses, $5 . \mathrm{W}$. Valley. Golds-
worthy, Alb. $2-8380,2-2068$.

A RIDER from Douglas MacArthur NW \& \& RIDE from vicinity of Mountain Rd. NW
between 5 th \& 6 th to Bldg. 800 . Price, RIDE, corner Lead \& High SE to vicinity
Rot oge No. 4. Alb. $7-9474$ ofter 5



BOYS' $24^{\prime \prime}$ BICYCLE. Revels, 4-3033.
RIDE, vicinity Yale \& Silver to BIdg. 892
Smelich, Alb. 2-0421.
HOME for
b-0.1833.
BOKSHEL
PASSENGER to San Diego, leaving July
27 th, share expenses. White, Alb, $5-9479$ Two or thre drivers for cor pool, Moon
\& Mathew, to
802. Sundberg, Alb. Boys' BICYCLE, $20^{\prime \prime \prime}$ or $22^{\prime \prime}$. Adams, Alb.

## MISCELLANEOUS

Golf Tournament For Sandia, AEC Slated July 21
open to all Sandia Corporation and AEC employees, is scheduled to tee off Saturday, July 21, at Walt Walt Dzugan, 3122 , secretary of week golf league, announced this tries will be taken Entry fee for singles is $\$ 1$. $\$ 1.50$ for ree Golfers without an establise handicap will be assigned one Prizes will be awarded in various categories.
Deadlines for registration wil noon Friday, July 20. Anyon ext. 21154 , or Chet Fornero 7320, ext. 31235 .

## Sandia Golfers <br> Place Fourth In City Tournament

nament, a representative team from the Sandia Golf League tied or fourth place. Dick Kidd, 1212 a member of the Sandia team won the second rite champion hip in the tournament.
Other team members were Rob ert Crabb 5242, Robert Angus 2331 Bernard Clouse 2221, John Ol on 7421, and Jim Kelly, 2231.
In the Sandia League team 8 of
currently holding 5 of B Flite ar
currently holding top honors.
Members of team 8 are Bob Peterson 5221 , Jim Kelly 2231

## 2500 Softball Team Defeated But Remains At Top of Sandia League

Previously unbeaten 2500 fell to $1200-\mathrm{I}$ recently, $9-2$, but still leads the Sandia Employees Softball league with a 10 won, 1 lost record runs in the first jumped to an early lead against 1200-I of the first to score fre rirst ming. 1200-1 came back in their of the first
tom Crawley 5221, and Ken Fos Frank Kohut 5352 members are 7421, and N. T (Pop) Jones 2451


Grand-Slam Homer
The big blow for $1200-\mathrm{I}$ was Mel Newsome's homer with the bases loaded.

After the first inning, Don Webb, $1200-\mathrm{I}$ pitcher, allowed 2500 no runs and only 4 hits. Webb batted in two runs in the third and two more in the sixth He later scored on a passed ball. Excellent defensive play backed Webb and kept 2500 from scoring on several occasions.
Although 2500 outhit 1200-I 6-5, walks and errors kept pitcher Dan

## Lillian Bowers Has 101 Varieties Of Roses-Only One Unidentified

band look out of is a rose and if Lilliam Bowers, 4131, or her husvarieties. The colors range from the newest lilac shaded "Amy Vanderbilt" to one of the most popular of all red roses "Crimson Glory." Started Fresh
When the Bowers first moved o their new home at 9808 Salem Rd. N.E., they followed the advice of nurserymen and set out three bushes: "Grandiflora,", "Hybrid ea," and "Florabunda.
Their yards now boast of such choice varieties as the 1956 rose winner "Circus" and "Fashion," which is the only rose to win eight international awards.
The 100 varieties are legitimately named-one unnamed bush has a profusion of yellow bloom but even has the experts stumped.


FOR RENT
3-RM. APT., Ig. living rm, bedroom, kitch
en, stove \& refrig., garage. Smith, Alb,
2 RMS. in private home, furnished, gentle
men only. Apply after 5 p.m., Alb.
EFFICIENCY APARTMENT, furnished,

Although purchased as a "Mrs Pierre du Pont" the flowers didn meet the specifications. New Mex ico rose expert James Rylance was consulted and even with 16,00 known varieties of roses he has been unable to positively identify the bloom and foliage.

May Be A "Spor
There is a possibility this bush may be a sport-in the lan guage, blooming from named stock but not the true noom th named variety. In some cases "sport" bloom is valuable to nur serymen in developing new rose


PRIZE WINNING blooms require frequent spraying and Lillian Bowers knows the chores well - especially the watering
nings. Grim struck out 13 men during the game

2200 Team Close
Having played one less game on the, the 2200 team is close feated leader's trail. They detrenched in second place with record of 9 won, one lost.
The 2400 team is presently tied for third place. They defeated $5200,16-10$. $1200-\mathrm{I}$ moved into a defeating 2500 defeating 2500 .
Cellar-dwelling 5100 won its for all with 1200 -II The score for all wit
was $29-15$.
With only four nights of play remaining for the League, some decisive games will be played next week. Monday, July 16, second place 2200 will meet third place at $6: 45$ p.m. on Diamond B. The same night at 8:30 on Diamond A, league leading 2500 will play a much improved 1400 team. A new 1400 pitcher, Carl Longin pitchows much promise both in pitching and hitting
What promises to be the game of the season is scheduled Wednesday, July 18, at $6: 45$ on Dia-
mond A. First place 2500 will mond A. First place 2500 will mecond place 220


GOC Filter Center Invites Students
Sandia Corporation employees are invited to enroll in a new training class for operators and Ground Observer Corps Filter Ground
Station
Students completing their training will be invited to work two hours each week at the Filter Center, located one block off Central on Quincy

Charles M. Clendenin, 5242, one of the instructors for the trainfor further information

